



FICTION

Hallucinations in LLMs fine-tuned for medicine are easy to identify.

Hallucinations have mostly been mitigated by tech companies and are very rare.

AI-products used in healthcare settings are completely distinct from generic tools. Thus, they are not vulnerable to the same limitations and potentially harmful hallucinations.

FACT

Any tool that uses an LLM will hallucinate in ways that are potentially harmful, nefarious, or difficult to detect.

Hallucinations are a by-product of the way LLMs operate, and current literature suggests they may never be eradicated. Until an output is validated, it should be assumed hallucinations are present.

Consumers may not know when the limitations of an AI-model apply to the product they are using, because the same AI-model may be powering different AI products.

References

1. Banerjee, S., Agarwal, A., Singla, S. LLMs Will Always Hallucinate, and We Need to Live With This. [Pre-print]. 2024 [cited 26 November 2024]. <https://arxiv.org/pdf/2409.05746v1>.